

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|---------------------|
| L1 | 6 | "20040015832" or "20040117427" or "6760888".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/11/04 03:28 |
| L2 | 3 | "20040015832" or "20040117427" or "6760888".pn. | US-PGPUB; USPAT | OR | OFF | 2008/11/04 03:28 |
| L3 | 2 | ((GUI or web) adj page) with (translat\$4 or convert\$4) with (JAVA near3 class) and @ad < "20040114" | US-PGPUB; USPAT | OR | OFF | 2008/11/04 03:28 |
| L4 | 2 | ((GUI or web) adj page) with (translat\$4 or convert\$4) with (JAVA with class) and @ad < "20040114" | US-PGPUB; USPAT | OR | OFF | 2008/11/04 03:28 |
| L5 | 2 | ((GUI or web) adj page) with (translat\$4 or convert\$4) same (JAVA with class) and @ad < "20040114" | US-PGPUB; USPAT | OR | OFF | 2008/11/04 03:28 |
| L6 | 2 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) same (JAVA with class) and @ad < "20040114" | US-PGPUB; USPAT | OR | OFF | 2008/11/04 03:28 |
| L7 | 30 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) same (JAVA with (object or class)) and @ad < "20040114" | US-PGPUB; USPAT | OR | OFF | 2008/11/04 03:28 |
| L8 | 22 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) with (JAVA with (object or class)) and @ad < "20040114" | US-PGPUB; USPAT | OR | OFF | 2008/11/04 03:28 |

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|-----|----|--|---|----|-----|---------------------|
| L9 | 3 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) with (JAVA with (object or class) with instance) and @ad < "20040114" | US-PGPUB; USPAT | OR | OFF | 2008/11/04 03:28 |
| L10 | 22 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) with (JAVA with (object or class)) and @ad < "20040114" | US-PGPUB; USPAT | OR | OFF | 2008/11/04 03:28 |
| L11 | 23 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) with (JAVA with (object or class)) and @ad < "20040114" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/11/04 03:28 |
| L12 | 3 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) with (JAVA with (class)) and @ad < "20040114" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/11/04 03:28 |
| L13 | 3 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) with (JAVA with (object or class)) and @ad < "20040114" and window | US-PGPUB; USPAT | OR | OFF | 2008/11/04 03:28 |
| L14 | 3 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) with (JAVA with (object or class)) and @ad < "20040114" and ("7266766".pn. or "7224373".pn. or "20040015852") | US-PGPUB; USPAT | OR | OFF | 2008/11/04 03:28 |
| L15 | 2 | "7139782".pn. or "7055059".pn. | USPAT | OR | OFF | 2008/11/04 03:28 |
| L16 | 2 | "7139782".pn. or "7055059".pn. | USPAT | OR | OFF | 2008/11/04 03:28 |

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|-----|------|---|---|----|-----|---------------------|
| L17 | 7683 | nobuyuki.in. | USPAT | OR | OFF | 2008/11/04 03:28 |
| L18 | 0 | nobuyuki.in. and "front-end-volume" | USPAT | OR | OFF | 2008/11/04 03:28 |
| L19 | 0 | nobuyuki.in. and front\$1end\$1volume | USPAT | OR | OFF | 2008/11/04 03:28 |
| L20 | 6 | nobuyuki.in. and (front with end with volume) | USPAT | OR | OFF | 2008/11/04 03:28 |
| L21 | 129 | kuen.xa. and lu.xa. | USPAT | OR | OFF | 2008/11/04 03:28 |
| L22 | 61 | kuen.xp. and lu.xp. | USPAT | OR | OFF | 2008/11/04 03:28 |
| L23 | 61 | kuen.xp. and lu.xp. | USPAT | OR | ON | 2008/11/04 03:28 |
| L24 | 0 | "20060123029" | USPAT | OR | OFF | 2008/11/04 03:28 |
| L25 | 1 | "20060123029" | US-PGPUB | OR | OFF | 2008/11/04 03:28 |
| L26 | 0 | "7143120".pn. | US-PGPUB | OR | OFF | 2008/11/04 03:28 |
| L27 | 1 | "7143120".pn. | US-PGPUB; USPAT | OR | OFF | 2008/11/04 03:28 |
| L28 | 6 | "20040015832" or "20040117427" or "6760888".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/11/04 03:28 |
| L29 | 3 | "20040015832" or "20040117427" or "6760888".pn. | US-PGPUB; USPAT | OR | OFF | 2008/11/04 03:28 |
| L30 | 2 | ((GUI or web) adj page) with (translat\$4 or convert\$4) with (JAVA near3 class) and @ad < "20040114" | US-PGPUB; USPAT | OR | OFF | 2008/11/04 03:28 |
| L31 | 2 | ((GUI or web) adj page) with (translat\$4 or convert\$4) with (JAVA with class) and @ad < "20040114" | US-PGPUB; USPAT | OR | OFF | 2008/11/04 03:28 |
| L32 | 2 | ((GUI or web) adj page) with (translat\$4 or convert\$4) same (JAVA with class) and @ad < "20040114" | US-PGPUB; USPAT | OR | OFF | 2008/11/04 03:28 |

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|-----|----|---|--|----|-----|------------------|
| L33 | 2 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) same (JAVA with class) and @ad < "20040114" | US-PGPUB; USPAT | OR | OFF | 2008/11/04 03:28 |
| L34 | 30 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) same (JAVA with (object or class)) and @ad < "20040114" | US-PGPUB; USPAT | OR | OFF | 2008/11/04 03:28 |
| L35 | 22 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) with (JAVA with (object or class)) and @ad < "20040114" | US-PGPUB; USPAT | OR | OFF | 2008/11/04 03:28 |
| L36 | 3 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) with (JAVA with (object or class) with instance) and @ad < "20040114" | US-PGPUB; USPAT | OR | OFF | 2008/11/04 03:28 |
| L37 | 22 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) with (JAVA with (object or class)) and @ad < "20040114" | US-PGPUB; USPAT | OR | OFF | 2008/11/04 03:28 |
| L38 | 23 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) with (JAVA with (object or class)) and @ad < "20040114" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/11/04 03:28 |
| L39 | 3 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) with (JAVA with (class)) and @ad < "20040114" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/11/04 03:28 |

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|-----|------|--|-----------------|----|-----|------------------|
| L40 | 3 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) with (JAVA with (object or class)) and @ad < "20040114" and window | US-PGPUB; USPAT | OR | OFF | 2008/11/04 03:28 |
| L41 | 3 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) with (JAVA with (object or class)) and @ad < "20040114" and ("7266766".pn. or "7224373".pn. or "20040015852") | US-PGPUB; USPAT | OR | OFF | 2008/11/04 03:28 |
| L42 | 2 | "7139782".pn. or "7055059".pn. | USPAT | OR | OFF | 2008/11/04 03:28 |
| L43 | 2 | "7139782".pn. or "7055059".pn. | USPAT | OR | OFF | 2008/11/04 03:28 |
| L44 | 7683 | nobuyuki.in. | USPAT | OR | OFF | 2008/11/04 03:28 |
| L45 | 0 | nobuyuki.in. and "front-end-volume" | USPAT | OR | OFF | 2008/11/04 03:28 |
| L46 | 0 | nobuyuki.in. and front\$1end\$1volume | USPAT | OR | OFF | 2008/11/04 03:28 |
| L47 | 6 | nobuyuki.in. and (front with end with volume) | USPAT | OR | OFF | 2008/11/04 03:28 |
| L48 | 129 | kuen.xa. and lu.xa. | USPAT | OR | OFF | 2008/11/04 03:28 |
| L49 | 61 | kuen.xp. and lu.xp. | USPAT | OR | OFF | 2008/11/04 03:28 |
| L50 | 61 | kuen.xp. and lu.xp. | USPAT | OR | ON | 2008/11/04 03:28 |
| L51 | 0 | "20060123029" | USPAT | OR | OFF | 2008/11/04 03:28 |
| L52 | 1 | "20060123029" | US-PGPUB | OR | OFF | 2008/11/04 03:28 |
| L53 | 0 | "7143120".pn. | US-PGPUB | OR | OFF | 2008/11/04 03:28 |
| L54 | 1 | "7143120".pn. | US-PGPUB; USPAT | OR | OFF | 2008/11/04 03:28 |

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|-----|---|---|---|----|-----|---------------------|
| L55 | 7 | "691794".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/11/04 03:28 |
| L56 | 3 | "6917947".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/11/04 03:28 |
| L57 | 1 | "7143097".pn. | USPAT | OR | OFF | 2008/11/04 03:28 |
| L58 | 1 | "7143091".pn. | USPAT | OR | OFF | 2008/11/04 03:28 |
| L59 | 1 | "6078929".pn. | USPAT | OR | OFF | 2008/11/04 03:28 |
| L60 | 1 | "20040167900" | US-PGPUB | OR | OFF | 2008/11/04 03:28 |
| S1 | 6 | "20040015832" or "20040117427" or "6760888".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/01/19 18:23 |
| S2 | 3 | "20040015832" or "20040117427" or "6760888".pn. | US-PGPUB; USPAT | OR | OFF | 2008/01/19 12:29 |
| S3 | 2 | ((GUI or web) adj page) with (translat\$4 or convert\$4) with (JAVA near3 class) and @ad < "20040114" | US-PGPUB; USPAT | OR | OFF | 2008/01/19 12:31 |
| S4 | 2 | ((GUI or web) adj page) with (translat\$4 or convert\$4) with (JAVA with class) and @ad < "20040114" | US-PGPUB; USPAT | OR | OFF | 2008/01/19 12:32 |
| S5 | 2 | ((GUI or web) adj page) with (translat\$4 or convert\$4) same (JAVA with class) and @ad < "20040114" | US-PGPUB; USPAT | OR | OFF | 2008/01/19 12:32 |

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|-----|----|---|--|----|-----|------------------|
| S6 | 2 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) same (JAVA with class) and @ad < "20040114" | US-PGPUB; USPAT | OR | OFF | 2008/01/19 12:34 |
| S7 | 26 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) same (JAVA with (object or class)) and @ad < "20040114" | US-PGPUB; USPAT | OR | OFF | 2008/01/19 12:34 |
| S8 | 21 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) with (JAVA with (object or class)) and @ad < "20040114" | US-PGPUB; USPAT | OR | OFF | 2008/01/19 12:34 |
| S9 | 2 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) with (JAVA with (object or class) with instance) and @ad < "20040114" | US-PGPUB; USPAT | OR | OFF | 2008/01/19 12:35 |
| S10 | 21 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) with (JAVA with (object or class)) and @ad < "20040114" | US-PGPUB; USPAT | OR | OFF | 2008/01/19 15:03 |
| S11 | 22 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) with (JAVA with (object or class)) and @ad < "20040114" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/01/19 12:35 |
| S12 | 3 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) with (JAVA with (class)) and @ad < "20040114" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/01/19 12:35 |

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|-----|------|--|--------------------|----|-----|---------------------|
| S13 | 2 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) with (JAVA with (object or class)) and @ad < "20040114" and window | US-PGPUB; USPAT | OR | OFF | 2008/01/19 12:36 |
| S14 | 3 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) with (JAVA with (object or class)) and @ad < "20040114" and ("7266766".pn. or "7224373".pn. or "20040015852") | US-PGPUB; USPAT | OR | OFF | 2008/01/19 15:04 |
| S15 | 2 | "7139782".pn. or "7055059".pn. | USPAT | OR | OFF | 2008/01/19 18:25 |
| S16 | 2 | "7139782".pn. or "7055059".pn. | USPAT | OR | OFF | 2008/01/19 18:27 |
| S17 | 7370 | nobuyuki.in. | USPAT | OR | OFF | 2008/01/19 18:27 |
| S18 | 0 | nobuyuki.in. and "front-end-volume" | USPAT | OR | OFF | 2008/01/19 18:27 |
| S19 | 0 | nobuyuki.in. and front \$1end\$1volume | USPAT | OR | OFF | 2008/01/19 18:28 |
| S20 | 5 | nobuyuki.in. and (front with end with volume) | USPAT | OR | OFF | 2008/01/19 18:38 |
| S21 | 125 | kuen.xa. and lu.xa. | USPAT | OR | OFF | 2008/01/20 12:31 |
| S22 | 15 | kuen.xp. and lu.xp. | USPAT | OR | OFF | 2008/01/19 18:38 |
| S23 | 15 | kuen.xp. and lu.xp. | USPAT | OR | ON | 2008/01/20 16:32 |
| S24 | 0 | "20060123029" | USPAT | OR | OFF | 2008/01/21 09:51 |
| S25 | 1 | "20060123029" | US-PGPUB | OR | OFF | 2008/01/21 12:30 |
| S26 | 0 | "7143120".pn. | US-PGPUB | OR | OFF | 2008/01/21 12:30 |
| S27 | 1 | "7143120".pn. | US-PGPUB; USPAT | OR | OFF | 2008/01/21 12:30 |

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|-----|----|---|--|----|-----|------------------|
| S28 | 6 | "20040015832" or "20040117427" or "6760888".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/04/24 08:18 |
| S29 | 3 | "20040015832" or "20040117427" or "6760888".pn. | US-PGPUB; USPAT | OR | OFF | 2008/04/24 08:18 |
| S30 | 2 | ((GUI or web) adj page) with (translat\$4 or convert\$4) with (JAVA near3 class) and @ad < "20040114" | US-PGPUB; USPAT | OR | OFF | 2008/04/24 08:18 |
| S31 | 2 | ((GUI or web) adj page) with (translat\$4 or convert\$4) with (JAVA with class) and @ad < "20040114" | US-PGPUB; USPAT | OR | OFF | 2008/04/24 08:18 |
| S32 | 2 | ((GUI or web) adj page) with (translat\$4 or convert\$4) same (JAVA with class) and @ad < "20040114" | US-PGPUB; USPAT | OR | OFF | 2008/04/24 08:18 |
| S33 | 2 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) same (JAVA with class) and @ad < "20040114" | US-PGPUB; USPAT | OR | OFF | 2008/04/24 08:18 |
| S34 | 29 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) same (JAVA with (object or class)) and @ad < "20040114" | US-PGPUB; USPAT | OR | OFF | 2008/04/24 08:18 |
| S35 | 22 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) with (JAVA with (object or class)) and @ad < "20040114" | US-PGPUB; USPAT | OR | OFF | 2008/04/24 08:18 |

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|-----|----|--|---|----|-----|---------------------|
| S36 | 3 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) with (JAVA with (object or class) with instance) and @ad < "20040114" | US-PGPUB; USPAT | OR | OFF | 2008/04/24 08:18 |
| S37 | 22 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) with (JAVA with (object or class)) and @ad < "20040114" | US-PGPUB; USPAT | OR | OFF | 2008/04/24 08:18 |
| S38 | 23 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) with (JAVA with (object or class)) and @ad < "20040114" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/04/24 08:18 |
| S39 | 3 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) with (JAVA with (class)) and @ad < "20040114" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/04/24 08:18 |
| S40 | 3 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) with (JAVA with (object or class)) and @ad < "20040114" and window | US-PGPUB; USPAT | OR | OFF | 2008/04/24 08:18 |
| S41 | 3 | ((GUI or web) adj page) with (translat\$4 or convert\$4 or transform\$6 or decod \$4) with (JAVA with (object or class)) and @ad < "20040114" and ("7266766".pn. or "7224373".pn. or "20040015852") | US-PGPUB; USPAT | OR | OFF | 2008/04/24 08:18 |
| S42 | 2 | "7139782".pn. or "7055059".pn. | USPAT | OR | OFF | 2008/04/24 08:18 |
| S43 | 2 | "7139782".pn. or "7055059".pn. | USPAT | OR | OFF | 2008/04/24 08:18 |

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|-----|------|---|--|----|-----|---------------------|
| S44 | 7476 | nobuyuki.in. | USPAT | OR | OFF | 2008/04/24 08:18 |
| S45 | 0 | nobuyuki.in. and "front-end-volume" | USPAT | OR | OFF | 2008/04/24 08:18 |
| S46 | 0 | nobuyuki.in. and front \$1end\$1volume | USPAT | OR | OFF | 2008/04/24 08:18 |
| S47 | 6 | nobuyuki.in. and (front with end with volume) | USPAT | OR | OFF | 2008/04/24 08:18 |
| S48 | 126 | kuen.xa. and lu.xa. | USPAT | OR | OFF | 2008/04/24 08:18 |
| S49 | 32 | kuen.xp. and lu.xp. | USPAT | OR | OFF | 2008/04/24 08:18 |
| S50 | 32 | kuen.xp. and lu.xp. | USPAT | OR | ON | 2008/04/24 08:18 |
| S51 | 0 | "20060123029" | USPAT | OR | OFF | 2008/04/24 08:18 |
| S52 | 1 | "20060123029" | US-PGPUB | OR | OFF | 2008/04/24 08:18 |
| S53 | 0 | "7143120".pn. | US-PGPUB | OR | OFF | 2008/04/24 08:18 |
| S54 | 1 | "7143120".pn. | US-PGPUB; USPAT | OR | OFF | 2008/04/24 08:18 |
| S55 | 7 | "691794".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/04/24 11:50 |
| S56 | 3 | "6917947".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/04/24 11:50 |
| S57 | 1 | "7143097".pn. | USPAT | OR | OFF | 2008/04/24 21:33 |
| S58 | 1 | "7143091".pn. | USPAT | OR | OFF | 2008/04/24 21:36 |
| S59 | 1 | "6078929".pn. | USPAT | OR | OFF | 2008/04/25 09:37 |
| S60 | 1 | "20040167900" | US-PGPUB | OR | OFF | 2008/04/25 12:02 |

11/4/2008 3:39:16 AM

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